

the surface current, directly produced by the wind, carrying the warm surface water along with it, and the return current, to take the place of the water blown along the loch, is spread throughout the whole depth

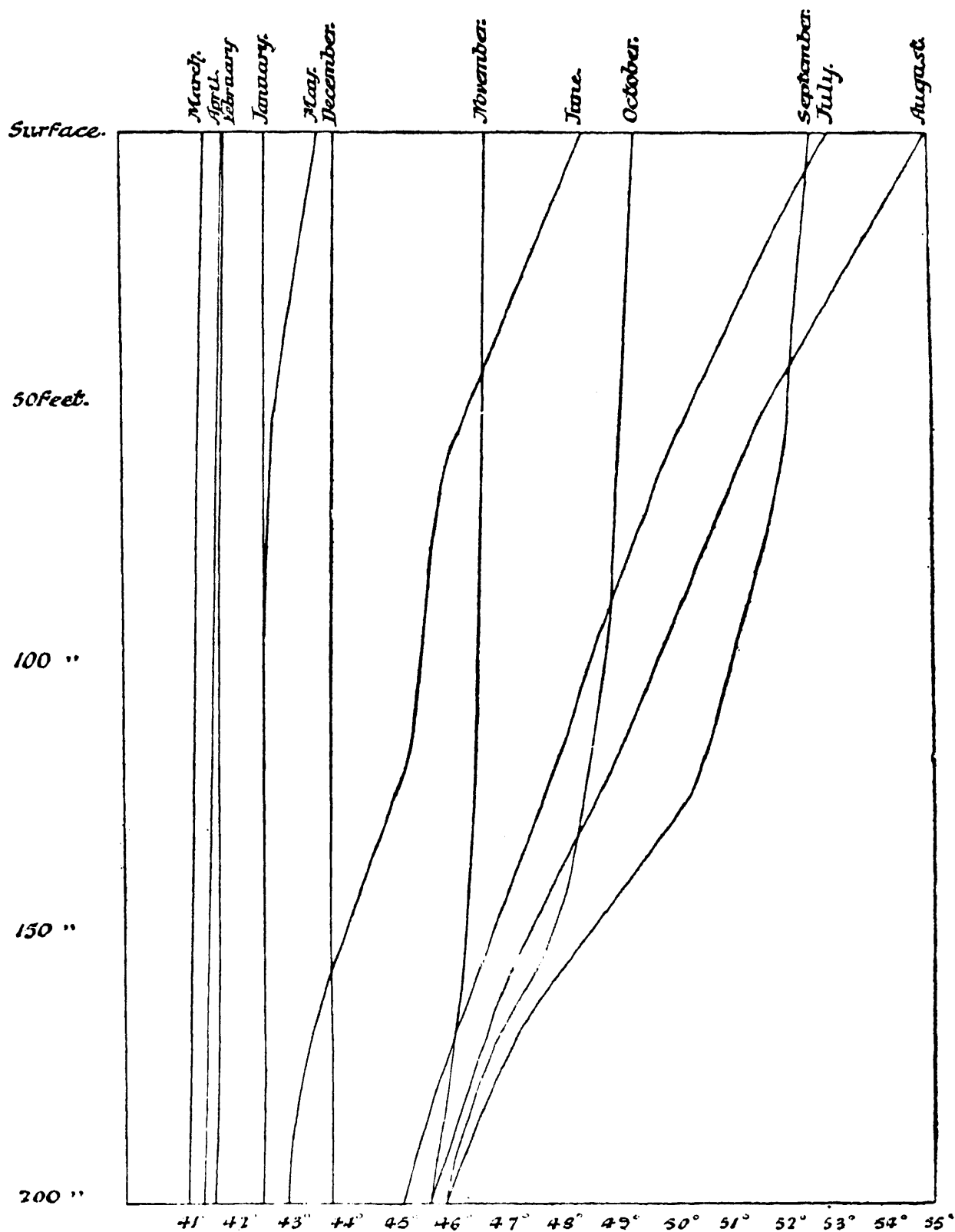


FIG. 69.—TYPICAL MONTHLY CURVES OF TEMPERATURE IN LOCH NESS.

of the loch. But when the discontinuity layer has formed, the loch is divided into two current systems. Above the discontinuity layer there is the surface current produced by the wind, and the return current also takes place above the discontinuity layer, without directly affecting the